

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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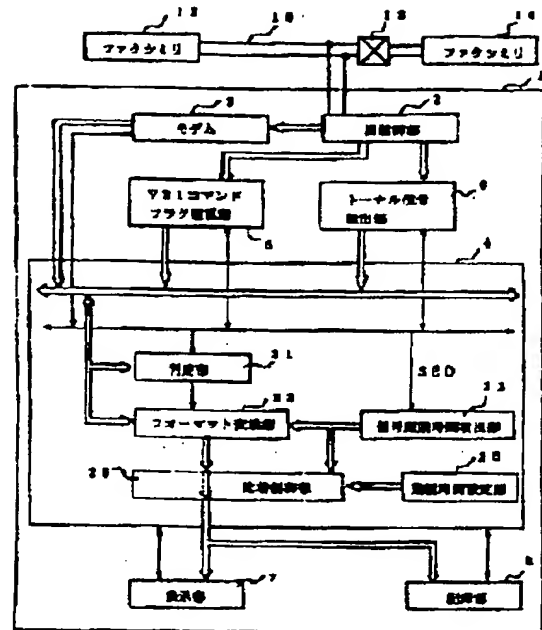
APPLICATION DATE : 24-01-91  
APPLICATION NUMBER : 03024139

APPLICANT : RICOH CO LTD;

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TITLE : COMMUNICATION PROTOCOL  
MEASUREMENT SYSTEM



ABSTRACT : PURPOSE: To enable the system to detect and measure even a signal other than a protocol signal and to analyze and evaluate the result of measurement more accurately in detail.

CONSTITUTION: In the case of measuring a communication protocol between facsimile equipments 13, 14, a protocol measurement device 1 is connected to a communication line. In this state, when a signal from a communication line 15 is inputted from a network control section 2 to a MODEM 3, the MODEM 3 detects the signal. A discrimination section 21 of the control section 4 discriminates whether or not the signal is a protocol signal. When the signal detected by the MODEM 3 is not a protocol signal but noise, a format conversion section 23 adds a signal name able to be identified to the information relating to the signal and outputs the result to a display section 7 and a recording section 8.

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